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PATENT  
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Docket No.: HI-0049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Sang Hun SUNG

Confirmation No.: 9720

Group Art Unit: 2637

Serial No: 10/000,346

Examiner: Qutbuddin Ghulamali

Filed: December 4, 2001

Customer No.: 34610

For: APPARATUS FOR ESTIMATING PHASE INFORMATION USING MATCHED FILTER IN COMMUNICATION SYSTEM AND METHOD THEREOF

U.S. Patent and Trademark Office  
Customer Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, Virginia 22314

Dear Sir:

Transmitted herewith is an Amendment and/or Reply in the above identified application.

- ☒ No additional fee is required.  
☐ Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	22	25	0	x \$50.00 =	\$0.00
Independent Claims	4	4	0	x \$200.00 =	\$0.00
If multiple claims newly presented, add \$360.00					
Fee for extension of time					
<b>TOTAL FEE DUE</b>					<b>\$0.00</b>

- ☐ Please charge my Deposit Account No. 16-0607 in the amount of \$\_\_\_\_. An additional copy of this transmittal sheet is submitted herewith.
- ☐ A check in the amount of \$ \_\_\_\_\_ (Check # \_\_\_\_\_) is attached.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 16-0607, including any filing fees under 37 C.F.R. 1.16 for presentation of extra claims and any patent application processing fees under 37 C.F.R. 1.17.

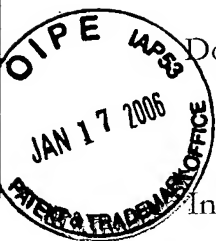
Respectfully submitted,  
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Date: January 17, 2006

**Please direct all correspondence to Customer Number 34610**

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Docket No.: HI-0049

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

**EXPEDITED PROCEDURE  
UNDER 37 C.F.R. §1.116**

**Sang Hun SUNG**

Serial No.: **10/000,346**

Group Art Unit: **2637**

Confirmation No.: **9720**

Examiner: **Qutbuddin Ghulamali**

Filed: **December 4, 2001**

Customer No.: **34610**

For: **APPARATUS FOR ESTIMATING PHASE INFORMATION USING  
MATCHED FILTER IN COMMUNICATION SYSTEM AND METHOD  
THEREOF**

**AMENDMENT  
UNDER 37 C.F.R. §1.116**

U.S. Patent and Trademark Office  
Customer Window, Mail Stop AF  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In reply to the Final Office Action dated October 17, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims.

**Remarks** begin after the listing of the claims.